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INFORMATION REPORT

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SUPPLEMENT TO REPORT NO.

1. Location of the Cil Fields.

There are two oil fields in Slovenia exploited by the Izvori Mafte ("Cil wells") Com any, which maintains headquarters at Dolnja Lendava. They are situated 6 kilometers south of Dolnja Lendava, between the villa es of Trinlini and Fetisevci and the right bank of the rivulet Lendava, to 8 kilometers scutheast of Dolnja Lendava, between the villages Centiba, Dolina, Fince and the left bank of the rivulet (see map). These two oil fields extend on the left bank of the river Mura, while the older oil deposits are on the right bank of the river near the villages of Selmica and reklenica (Medjimurje, Crcatia). The latter oil deposits gave what was the entire Yugoslav oil production before world War II, about 1,000 tons a year.

# 2. Short History,

The old oil deposits at Selmica and Feklenica were, between the Mars, exploited in turn by the Italian company "AGIP", the "doyal Dutch" Company, I. 7. Farbenindustrie with "Standard Cil", and by a Perman company, which in 1939 took over the native companies "Fanonija", "Uljevik" and "Bitumen" and also assumed the right to exploit large deposits of methane at the village of Bujavica near Lipik in Groatia. During World ar II the Hungaro-German company, "Manat", drilled three producing oil wells, which were reopened and taken over by the new Yugoslav regime following the war. The Tovernment desires to increase the cutput of oil in the fields between Dolnja Londava and Feklenica. The Five Year Plan set the cil production target for 1951 at 450,000 tons a year, of which t least 200,000 tons a year is to be covered by the cil fields between Dolnja Lepdava and leklonica.

#### Equipment.

The Izvori Nafte Company utilizes 13 complete drilling outfits, which are of Austrian, Soviet, Jzech (Skoda and Vitkovice) and Italian (Ansaldo, Maserati) origin. Accountly a corrick was supplied by the Yu colav plant, "Jesenica", of Smederovska Falanka in Serbia. The a chines of Soviet make are diesel driven, the remainder steam driven. The material used by the company is the same type of installation used by the Hun brians at the oilfields near Magy-Kanisza and Kaposvar, and concists of:

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a. metal girders for the erection of derricks

b. struts

c. transportable concrete basement for derricks

d. various drillers

e. various pipes (sucking, sup dy and discharge)

f. pumps

electric motors 2.0

h. gauges

The machines are repaired at the workshops at Dolnja Lendava, located in a former umbrella factory. Workshops have a special industrial track which connects them with both oil fields. The pricks are each 42 m. high. An unspecified number, not more than six, are 55 m. high for special deep drilling. Oil pools are at a depth of well over 1,000 m. The total number of derricks at the Colnja Lendava and Peklenica oil fields is 24.

## 4. Oil Output.

The two oil fields at Dolnja Lendava have 18 oil producing wells and the Peklenica fields another 6. After recent drills, the oil output at the Dolnja Lendava fields amounted to 40,000 tons a year. New drills should increase the output to 72,000 tons per year by the end of 1949. If the Five Year Plan is to be realized the output in 1950 should be 120,000 tons. Difficulties have arisen mainly from delayed shipments of drilling and pumping machinery from Czechoslovakia.

# 5. Transportation of Oil.

Oil from both oil fields flows through a pipe line from the village of Dolina, via Petisevci, to the railway station of Mursko Sredisce. The pipes have an 8 cm. diameter. They are of steel, have an esbestos protecting layer, and are dug 0.50 m. into the ground. The total length of the pipe line is 5 kilometers.

Because of a tank-wagon shortage, crude oil is concentrated in 12 oil tanks at the railway station in Mursko Sredisce. The size of one of them is 20x15 m. and that of the remaining eleven 10x5 m.

Oil is driven through the pipe line by methane. This gas is plentiful at the Dolnja Lendava oil fields. It is usually caught into large tanks and then filled into steel bottles under a pressure of 200 atmospheres. The workers' duelling houses are also to be supplied with gas cooking equipment.

### 6. Refining of Crude Cil.

The crude oil is transported to the refineries at Caprag near Sisak, Slovenski Brod and Rijeka. By-products are benzene, gasoline, "petrolether" and diesel oil.

## 7. Personnel.

The company employs 3000 workers (Slovenes from Prekmurje, Croats, Hungarians and a few Bosnians). Most of the workers are billeted at Dolnja Lendava, the neighboring villages or in old huts erected by the Germans, but some live as far away as 30 kilometers. About 1.5 kilometers from Dolnja Lendava, a workers' colony of 43 houses for approximately 1,000 workers is under construction, the work being performed in three shifts without pause. The following technicians are employed at the oil fields:

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- a. Professor Ogulinac, who comes from Zagreb, is chief geologist for the Dolnja Lendava oil fields.
- b. Ing. Ante Ostroznjak, a native of Virovitica, 40 years old, of medium height and stron-build, is director. He drives in an Opel-Kapitaen car and is a member of the Communist Farty.
- c. Ing. Egon Petric is chief engineer. He is a member of the Communist Party, is 35 years old and comes from Ljubljana. Unpopular, he has denounced several workers for "suspected sabotage". He drives in an Opel-Olympia.
- d. Ivan Hrvat is production chief and has been decorated with the Medal of Work.
- e. Vladimir Muhvic is the very able technical designer. During the war he was interned at Mauthausen and Bernau. He also has been decorated with the Order of Nork, 3rd Class.
- f. Salko Hukic, the chief driller, has been decorated with the Medal of Jork.
- g. Bela Gal, a Hungarian, is supervisor of boilers.
- h. Franc Birsa is trade union chief and a slave driver. fanatic Communist, about 26 years old, he served with the partisans during the war. He is a native of Prekmurje.
- 8. A map of the Izvori Nafte Cil Fields in Slovenia is attached. Map identification is as follows:

#### <u>Logand:</u>

- 1. Cil field at Petisevci.
- 2. Cil field at Dolina.
- dailway station of Dolnja Lendava.
- lorkshops.
  Old workers' colony.
- 6. New workers' colony.
- 7. Industrial track, Dolina-Dolnja Lendava.
- 8. Pipe line.
- Railway station of Mursko Sredisce.
- 10. Oil tanks at Mursko Sredisce.

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Comment: The following interesting example of the absolute unreliability of Yugoslav official statistics is quoted. The Five Year Plan states that the Yugoslav prewar oil production was 1,000 tons a year, but that the final production in 1951 will amount to 450,000 tons a year. The official statistics by the Central Planning Commission, which appeared in "Slovenski Porocevalec" on July 16, 1949 puts the present oil production at "75% of the final production in 1951", or 337,500 tons a year. The "Slovenski Porocevalec" of 1. September 1949 stated, however: "Last year our oil production was 36 times higher than the prewar one" (i.e. 36,000 tons a year). "This year our production will be 50 times higher than the prewar" (i.e. 50,000 tons a year). Thus, the actual 1949 Yugoslav oil production would be 11.11% of the 1951 target.

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